

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2006/050410

A. CLASSIFICATION OF SUBJECT MATTER  
INV. A61M5/158 A61M5/142

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 954 643 A (VANANTWERP ET AL) 21 September 1999 (1999-09-21) figures 1-15 column 3, line 54 - line 66 column 5, line 17 - column 7, line 37 -----	1-6, 10-12, 14
X	WO 03/080169 A (NOVO NORDISK A/S) 2 October 2003 (2003-10-02) figure 9 page 25, line 21 - page 29, line 7 -----	1-6, 10-12, 14
X	US 2003/199823 A1 (BOBROFF RANDA M ET AL) 23 October 2003 (2003-10-23) cited in the application paragraph [0109] - paragraph [0146]; figures 50-60 ----- -/-	1-3, 10-12, 14

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search Date of mailing of the international search report

16 May 2006

24/05/2006

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## C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/162521 A1 (BENGTSSON HENRIK) 19 August 2004 (2004-08-19) figures 8-10 paragraph [0089] – paragraph [0094] -----	1, 4, 5, 10, 11
X	US 5 584 813 A (LIVINGSTON ET AL) 17 December 1996 (1996-12-17) figures 1-7 column 4, line 36 – line 65 -----	1, 4, 5, 10, 11
X	US 2003/114797 A1 (VAILLANCOURT VINCENT L ET AL) 19 June 2003 (2003-06-19) figures 36-43 paragraph [0118] – paragraph [0128] -----	1, 4-6, 8-11

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

Continuation of Box II.1

Claims Nos.: 13

The method of claim 13 is carried out within a human body. As stated in the claim (inserting the transcutaneous device into the subject), the method is during a surgical therapy. This method is forming part of a surgical procedure and can therefore not be regarded as an invention which is susceptible of industrial application.

The application does not meet the requirement of Rule 39.1 (iv), because this claim is a method of treatment of the human body.

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: 13 because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2006/050410

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5954643	A	21-09-1999	CA EP JP WO US US	2291105 A1 0987982 A1 2002503988 T 9856293 A1 6368141 B1 2004193025 A1		17-12-1998 29-03-2000 05-02-2002 17-12-1998 09-04-2002 30-09-2004
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US 5584813	A	17-12-1996	CA DE DE EP JP JP WO	2197003 A1 69625319 D1 69625319 T2 0777506 A1 3736854 B2 10503963 T 9640324 A1		19-12-1996 23-01-2003 17-04-2003 11-06-1997 18-01-2006 14-04-1998 19-12-1996
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